

IN THE CLAIMS:

Please cancel Claims 1-3 without prejudice or disclaimer of the subject matter set forth therein.

Please add the following new claims:

- 4. A temperature control apparatus comprising:

a temperature controlling heat exchanger having a passage for passing a temperature controlling fluid;

a connecting pipe connected to the passage of said temperature controlling heat exchanger;

a first block having a passage for passing a temperature controlling fluid to said temperature controlling heat exchanger;

a second block for forming a passage between the passage of said first block and said connecting pipe; and

in the sealing member for connecting said connecting pipe movably to the passage of said second block,

wherein a length of said connecting pipe is made substantially equal to or slightly shorter than a distance between said temperature controlling heat exchanger and said first block, and the length of said connecting pipe is longer than a sum of a distance between said temperature controlling heat exchanger and said second block added to a width of said sealing member. --

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-- 5. A temperature control apparatus comprising:  
a temperature controlled heat exchanger having a passage for passing a temperature controlled fluid;  
a connecting pipe connected to the passage of said temperature controlled heat exchanger;  
a first block having a passage for passing a temperature controlled fluid to said temperature controlled heat exchanger;  
a second block for forming a passage between the passage of said first block and said connecting pipe; and  
a sealing member for connecting said connecting pipe movably to the passage of said second block,  
wherein a length of said connecting pipe is made substantially equal to or slightly shorter than a distance between said temperature controlled heat exchanger and said first block, and the length of said connecting pipe is longer than a sum of a distance between said temperature controlled heat exchanger and said second block added to a width of said sealing member. --

-- 6. A temperature control apparatus comprising:  
a heat exchange unit for exchanging the heat between a temperature controlling heat exchanger having a passage for passing a temperature controlling fluid and a temperature controlled heat exchanger having a passage for passing a temperature controlled fluid;

a first connecting pipe connected to the passage of said temperature controlling heat exchanger;

a first block having a passage for passing a temperature controlling fluid to said temperature controlling heat exchanger;

a second block for forming a passage between the passage of said first block and said first connecting pipe;

a first sealing member for connecting said first connecting pipe movably to the passage of said second block;

a second connecting pipe connected to the passage of said temperature controlled heat exchanger;

a third block having a passage for passing the temperature controlled fluid to said temperature controlled heat exchanger;

a fourth block for forming a passage between the passage of said third block and said second connecting pipe; and

a second sealing member for connecting said second connecting pipe movably to the passage of said fourth block,

wherein a length of said first connecting pipe is made substantially equal to or slightly shorter than a distance between said temperature controlling heat exchanger and said first block, and the length of said first connecting pipe is longer than a sum of a distance between said temperature controlling heat exchanger and said second block added to a width of said first sealing member, and